



DPC

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TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

Application Number	10/038,510
Filing Date	January 3, 2002
First Named Inventor	Wang et al.
Art Unit	2811
Examiner Name	Not Yet Known
Total Number of Pages in This Submission	1
Attorney Docket Number	DEE-PT178

RECEIVED

JUN 08 2004

OFFICE OF PETITIONS

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Request for Rescission of Notice of Abandonment or in the Alternative Petition for Revival with Exhibits A-D.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	C. Frederick Koenig III Volpe and Koenig, P.C.	Reg. No. 29,662
Signature		
Date	June 1, 2004	

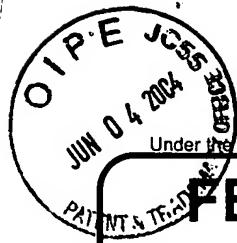
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	C. Frederick Koenig III	
Signature		Date
	June 1, 2004	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Fee Transmittal for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$0)

Complete if Known

Application Number	10/038,510
Filing Date	January 3, 2002 RECEIVED
First Named Inventor	Wang et al.
Examiner Name	Not Yet Known JUN 08 2004
Art Unit	2811
Attorney Docket No.	DEE-PT178 OFFICE OF PETITIONS

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number 22-0493
Deposit Account Name Volpe and Koenig, P.C.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

Fee Calculation

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1)		(\$0)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	-	Extra Claims	Fee from below	Fee Paid
Independent Claims	-	=	X	=
Multiple Dependent	-	=	X	=

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$0)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 420	2252 210	Extension for reply within second month	
1253 950	2253 475	Extension for reply within third month	
1254 1,480	2254 740	Extension for reply within fourth month	
1255 2,010	2255 1,005	Extension for reply within fifth month	
1401 330	2401 165	Notice of Appeal	
1402 330	2402 165	Filing a brief in support of an appeal	
1403 290	2403 145	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,330	2453 665	Petition to revive - unintentional	
1501 1,330	2501 665	Utility issue fee (or reissue)	
1502 480	2502 240	Design issue fee	
1503 640	2503 320	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid			
		SUBTOTAL (3)	(\$0)

(Complete if applicable)

Name (Print/Type)	C. Frederick Koenig III	Registration No. (Attorney/Agent)	29,662	Telephone	215-568-6400
Signature				Date	June 1, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

JUN 08 2004

OFFICE OF PETITIONS

In the PATENT APPLICATION of:

Wang et al.

Application No.: 10/038,510

Confirmation No.: 5465

Filed: January 3, 2002

For: VERTICAL CAVITY SURFACE
EMITTING SEMICONDUCTOR
LASER WITH TRIANGLE PRISM
OPTICAL CAVITY RESONATOR

Group: 2811

Examiner: Not Yet Known

Our File: DEE-PT178

Date: June 1, 2004

**REQUEST FOR RESCISSION OF
NOTICE OF ABANDONMENT OR IN THE
ALTERNATIVE PETITION FOR REVIVAL**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Notice of Abandonment was issued with respect to the above-identified application on December 10, 2003, copy attached as Exhibit A. That Notice states that "No reply was received" with respect to the Notice to File Missing Parts dated February 11, 2002.

A proper reply was in fact filed, copy attached as Exhibit B. That response included a copy of the Notice to File Missing Parts, a Declaration executed by all of the inventors, an executed Assignment and the required fees total \$475.

**Applicant: Wang et al.
Application No.: 10/038,510**

That response was in fact received as reflected in the copy of the return postcard, copy attached as Exhibit C, that bears the United States Patent and Trademark Office (USPTO) date stamp of ~~March 14, 2002~~ which date is within two months of the February 11, 2002 date of the Missing Parts Notice.

The executed Declaration was in fact received by the USPTO as reflected in the copy of that document retrieved from the USPTO records bearing a USPTO date stamp of March 14, 2002, attached as Exhibit D.

This application in fact was never abandoned and Applicants respectfully request the Notice of Abandonment be rescinded and prosecution proceed on the merits of this application.

In the alternative, if unbeknownst to Applicants, there was some defect which led to the proper issuance of the Notice of Abandonment, Applicants request that this paper be accepted as a Petition for Revival on either the grounds of unavoidable delay and/or unintentional delay. It is Applicants' position that there was in fact no delay since Applicants in good faith attempted to fully comply with all of the requirements of the Notice to File Missing Parts and believe they had done so. Since Applicants were unaware of any delay, further responding to an unknown delay was unavoidable as defined by 37 C.F.R. § 1.137(a) or at the very least, the entire delay up to and including the filing of this paper was unintentional as specified by 37 C.F.R. § 1.137(b). If



**Applicant: Wang et al.
Application No.: 10/038,510**

necessary, Applicants request the appropriate Petition fee be charged to the undersigned Attorney's Deposit Account as reflected in the Fee Transmittal Sheet submitted herewith. However, it is respectfully submitted that no fee is due since the Notice of Abandonment should be rescinded due to Applicants' full compliance with the Notice to File Missing Parts mailed February 11, 2002 as reflected in the attached Exhibits.

Respectfully submitted,

Wang et al.

By 
C. Frederick Koenig III
Registration No. 29,662
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

CFK/rw
Enclosures



Page 1 of 1



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET-NO./TITLE
10/038,510	01/03/2002	Wang Nang Wang	0008/0A011

CONFIRMATION NO. 5465

ABANDONMENT/TERMINATION
LETTER



OC000000011454805

Date Mailed: 12/10/2003

NOTICE OF ABANDONMENT UNDER 37 CFR 1.53 (f) OR (g)

The above-identified application is abandoned for failure to timely or properly reply to the Notice to File Missing Parts (Notice) mailed on 02/11/2002.

- No reply was received.

A petition to the Commissioner under 37 CFR 1.137 may be filed requesting that the application be revived.

Under 37 CFR 1.137(a), a petition requesting the application be revived on the grounds of **UNAVOIDABLE DELAY** must be filed promptly after the applicant becomes aware of the abandonment and such petition must be accompanied by: (1) an adequate showing of the cause of unavoidable delay; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(l); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Under 37 CFR 1.137(b), a petition requesting the application be revived on the grounds of **UNINTENTIONAL DELAY** must be filed promptly after applicant becomes aware of the abandonment and such petition must be accompanied by: (1) a statement that the entire delay was unintentional; (2) the required reply to the above-identified Notice; (3) the petition fee set forth in 37 CFR 1.17(m); and (4) a terminal disclaimer if required by 37 CFR 1.137(d).

Any questions concerning petitions to revive should be directed to the "Office of Petitions" at (703) 305-9282. Petitions should be mailed to: Mail Stop Petitions, Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

PENGAD 800-631-6989

EXHIBIT

A



OTTO K. CHANG
9 S. WICKOM DR.
WESTFIELD, NJ 07090

55-2/212 1715

PAY TO THE ORDER OF U.S. PATENT AND TRADEMARK OFFICE \$ 475.00
FOUR HUNDRED AND SEVENTY FIVE AND NO/XX DOLLARS

FIRST UNION First Union National Bank
firstrunion.com
Org. 075 R/T 021200025

Express
Checking

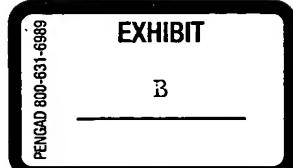
MEMO for U.S. Patent Application 10/038,510

10021200025103000245013511 1715

[Signature]

Return of this card properly stamped, will acknowledge receipt of:
**Response to Notice to File Missing Parts: executed Declaration
and Assignment, \$475 fee, and this card.**

Applicant: Wang Nang WANG et al.
Serial No.: 10/038,510
Filed: January 3, 2002
For: VERTICAL CAVITY SURFACE EMITTING SEMICONDUCTOR
LASER WITH TRIANGLE PRISM OPTICAL CAVITY RESONATOR
Attorney: Ya-Chiao Chang
File No.: 0008/0A011
Mailed: 3/4/05 Mailer: CHIUYUN HSIAO
Express Mail Label No. ET 93745769445



EXPRESS MAIL CERTIFICATE

Date 3/11/02 Label No. ET937457694US

I hereby certify that, on the date indicated above, this paper or
fee was deposited with the U.S. Postal Service & that it was
addressed for delivery to the Assistant Commissioner for Pat-
ents, Washington, DC 20231 by "Express Mail Post Office to
Addressee" service.

Name (Print)

Signature

Docket No. 0008/0A011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of: Wang et al.

Patent Application Serial No. 10/038,510 Confirmation No. 5465

Filing Date: January 3, 2002 Art Unit 2811

Title: VERTICAL CAVITY SURFACE EMITTING SEMICONDUCTOR LASER WITH
TRIANGLE PRISM OPTICAL CAVITY RESONATOR

COMPLETION OF APPLICATION AND
RESPONSE TO NOTICE TO FILE MISSING PARTS

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application dated February 11, 2002, a response to which is due on or before April 11, 2002, please accept the filing of the following documents in completing the patent application process:

1. Executed Declaration/Power of Attorney
 Unexecuted Declaration/Power of Attorney
2. Notice to File Missing Parts of Nonprovisional Application

Serial No. 10/038,510

Docket No. 0008/0A011

3. Assignment for recording to:
ARIMA OPTOELECTRONIC CORPORATION, a corporation organized
under the laws of TAIWAN, R.O.C., located at 7th Floor, No. 349,
Section 2, Jen Ho Road, Dashi, Taoyuan Hsien, TAIWAN, R.O.C.

 Assignment was recorded at Reel No. , Frame No. , on .
 Pursuant to 37 C.F.R. 1.215(b), please print the following assignment information on the face of the published application:
ARIMA OPTOELECTRONICS CORPORATION, Taoyuan Hsien,
TAIWAN, R.O.C.

4. The applicant claims small entity status.

5. Priority is claimed under 35 U.S.C. 119(b) of:

Country:

Number:

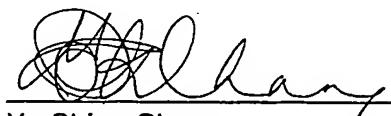
Date:

A certified copy of the prior document is enclosed will follow
 was filed in a previous application.

6. Payment in amount of \$475.00
in the form of
 Check Ref. No. 1715
 deposit account no.
 credit card (see attached form)

Date: 2-22-2002

Respectfully submitted,



Ya-Chiao Chang
Reg. No. 43,407
Attorney for Applicant(s)

PATENT FEE COMPUTATION SHEET

	No. of Claims Presented	Extra Claims Previously Paid For	Number of Extra Claims	Rate
Basic Fee.....				\$740.00
Total Claims	18 - 20	- 0 = 20	x \$18.00	\$0.00
Independent Claims	1 - 3	- 0 = 0	x \$80.00	\$0.00
Multiple Dependent Claims		- if so, add	\$270.00	\$0.00
Surcharge for late submission of filing fee and/or declaration (\$130.00)				\$130.00
SUBTOTAL.....				\$870.00
[X] Small Entity REDUCTION (Half of Subtotal)				\$435.00
Fee for recordation of assignment (\$40.00)				\$40.00
Charge for filing non-English language application (\$130.00)				\$0.00
TOTAL.....				\$47.00



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/038,510	01/03/2002	Wang Nang Wang	0008/0A011

CONFIRMATION NO. 5465

FORMALITIES LETTER



OC00000007458059

Ya-Chiao Chang
9 South Wickom Drive
Westfield, NJ 07090

Date Mailed: 02/11/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 435.

*A copy of this notice **MUST** be returned with the reply.*

Tran Chan

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

Return of this card properly stamped, will acknowledge receipt of:
**Response to Notice to File Missing Parts: executed Declaration
and Assignment, \$475 fee, and this card.**

Applicant: Wang Nang WANG et al.

Serial No.: 10/038,510

Filed: January 3, 2002

For: VERTICAL CAVITY SURFACE EMITTING SEMICONDUCTOR
LASER WITH TRIANGLE PRISM OPTICAL CAVITY RESONATOR

Attorney: Ya-Chiao Chang

File No.: 0008/0A011

Mailed: 3/14/02

Mailer: Shuixing Huang

Express Mail Label No. ET 937457694US



EXHIBIT

C

PENGAD 800-631-6989

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Wang Nang WANG
Yury Georgievich SHRETER
Yury Toomasovich REBANE

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 01/30/2002

2. Name and address of receiving party(ies):

Name: ARIMA OPTOELECTRONICS CORP.

Internal Address: _____

Street Address: 7F, NO. 349, SECTION 2,

JEN HO ROAD, DASHI

TAIWAN R.O.C.

City: TAOYUAN HSIEH State: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/038,510

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: YA-CHIAO CHANG

Internal Address: _____

Street Address: 9 SOUTH WICKOM DRIVE

City: WESTFIELD State: NJ Zip: 07090

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed CHECK NO. 1715

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

YA-CHIAO CHANG (43,407)

Name of Person Signing

John Chang

Signature

2-22-2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

I, **Wang Nang Wang**, a citizen of TAIWAN, R.O.C., residing at:
Martlets, Midford Lane, Limpley Stoke
City: Bath Zip Code: BA3 6AY
State or Country: United Kingdom

I, **Yury Georgievich Shreter**, a citizen of Russia, residing at:
J.Duclos Street, 8/1, app.13
City: St. Petersburg Zip Code: 194223
State or Country: Russia

I, **Yury Toomasovich Rebane**, a citizen of Russia, residing at:
Kostromskoi prospect 56, app.22
City: St. Petersburg Zip Code: 194214
State or Country: Russia

(hereinafter collectively called "ASSIGNOR") for valuable and good consideration or the equivalent thereof, receipt of which is hereby acknowledged, paid to me by

ARIMA OPTOELECTRONICS CORPORATION

a corporation organized under the laws of TAIWAN, R.O.C., located at 7th Floor, No. 349, Section 2, Jen Ho Road, Dashi, Taoyuan Hsien, TAIWAN, R.O.C., (hereinafter called the "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to my invention entitled:

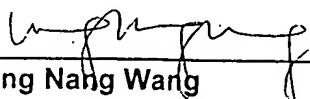
**VERTICAL CAVITY SURFACE EMITTING SEMICONDUCTOR LASER WITH
TRIANGLE PRISM OPTICAL CAVITY RESONATOR**

invented by me, as a co-inventor if other inventors are identified above, and described in Application Serial No. 10/038,510, filed on January 3, 2002 for United States Letters Patent therefor, and all divisions, reissues, continuations and extensions thereof, said interest being my entire ownership interest in said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term for which said Letters patent may be granted, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal or reissue applications, or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said ASSIGNEE;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.


Wang Nang Wang

DATED: 30/01/02


Yury Georgievich Shreter

DATED: 30.01.02


Yury Toomasovich Rebane

DATED: 30.01.02

**DECLARATION
AND POWER OF ATTORNEY
Original Application**

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below, of the invention entitled:

**VERTICAL CAVITY SURFACE EMITTING SEMICONDUCTOR LASER WITH
TRIANGLE PRISM OPTICAL CAVITY RESONATOR**

which is described and claimed in:

the attached specification or the specification in U.S. Patent Application Serial No. 10/038,510 filed on January 3, 2002
(for declaration not accompanying application)

that I do not know and do not believe that the same was ever known or used in the United States of America before my or our invention thereof or patented or described in any printed publication in any country before my or our invention thereof, or more than one year prior to this application, or in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is material to patentability in accordance with 37 CFR 1.56. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I hereby claim the priority benefits under 35 U.S.C. 119 of any application(s) for patent or inventor's certificate listed below. All foreign applications for patent or inventor's certificate on this invention filed by me or my legal representatives or assigns prior to the application(s) of which priority is claimed are also identified below.

PRIOR APPLICATION(S), IF ANY, OF WHICH PRIORITY IS CLAIMED

COUNTRY APPLICATION NO. DATE OF FILING

**ALL FOREIGN APPLICATIONS, IF ANY, FILED PRIOR
TO THE APPLICATION(S) OF WHICH PRIORITY IS CLAIMED**

COUNTRY APPLICATION NO. DATE OF FILING

POWER OF ATTORNEY:

As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark office connected therewith: Ya-Chiao Chang #43,407

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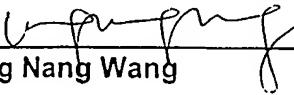
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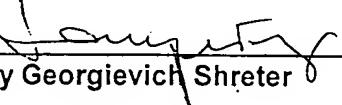
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I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so

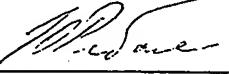
made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Wang Nang Wang

DATED: 30.07.02


Yury Georgievich Shreter

DATED: 30.01.02


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DATED: 30.01.02